

ABSTRACT

Apparatus for converting the motion of sea wave energy to electrical energy comprises one or more float driven linear generators, in which the inertial mass of the float and any linkage means to the linear generator is

5 minimised. In order to generate electrical power consistently upon both the upstroke and downstroke of the float, the moving part of the generator is so sized that its gravitational weight acting upon the float, together with that of the float itself and any intermediate linkage means, is substantially equal to half the total buoyancy of the float.